

Amendments to the Specification

The following amendment refers to the original disclosure filed on August 27, 2008.

On Page 2, please amend paragraph [0008] as follows:

"Fig. 1A is a top view showing the magnetic material detection device in embodiment 1 of the present invention.

Fig. 1B is a sectional view showing the magnetic material detection device in embodiment 1 of the present invention wherein the magnet contacts the upper stopper.

Fig. 1C is a sectional view showing the magnetic material detection device in embodiment 1 of the present invention wherein the magnet contacts the lower stopper.

Fig. 2A is an enlarged view showing the magnet and a Hall device shown in Fig. 1 with the magnet before being displaced.

Fig. 2B is an enlarged view showing the magnet and a Hall device shown in Fig. 1 with the magnet after being displaced.

Fig. 3 is a sectional view showing the magnetic material detection device in embodiment 2 of the present invention.

Fig. 4 is a sectional view showing the magnetic material detection device in embodiment 3 of the present invention.

Fig. 5A is a top view of ~~sectional view showing~~ the magnetic material detection device in embodiment 4 of the present invention.

Fig. 5B is a sectional view of the magnetic material detection device in embodiment 4 of the present invention.

Fig. 5C is a side view of the magnetic material detection device in embodiment 4 of the present invention.

Fig. 5D is a base view of the magnetic material detection device in embodiment 4 of the present invention.

Fig. 5E is a top view of the magnetic material detection device in embodiment 4 of the present invention.

Fig. 5F is a side view of the magnetic material detection device in embodiment 4 of the present invention.

Fig. 6A is a sectional view showing the magnetic material detection device in embodiment 5 of the present invention.

Fig. 6B is a first side view showing the magnetic material detection device in embodiment 5 of the present invention.

Fig. 6C is a second side view showing the magnetic material detection device in embodiment 5 of the present invention.

Fig. 7 is a diagram showing an example of the modified device shown in Fig. 6.

Fig. 7A is a deformed sectional view showing the magnetic material detection device in embodiment 5 of the present invention.

Fig. 7B is a deformed first side view showing the magnetic material detection device in embodiment 5 of the present invention.

Fig. 7C is a deformed second side view showing the magnetic material detection device in embodiment 5 of the present invention.

Fig. 8A is a top sectional view showing the magnetic material detection device in embodiment 6 of the present invention.

Fig. 8B is a top view showing the magnetic material detection device in embodiment 6 of the present invention.

Fig. 8C is a side view showing the magnetic material detection device in embodiment 6 of the present invention.

Fig. 8D is a sectional view showing the magnetic material detection device in embodiment 6 of the present invention.

Fig. 8E is a sectional view showing the cross section of plane B-B¹ of Figure 8C.

Fig. 8F is a sectional view showing the cross section of plane C-C¹ of Figure 8C.

Fig. 8G is a sectional view showing the cross section of plane D-D¹ of Figure 8C.

Fig. 9A is a side-view diagram showing an example of the modified device shown in Fig.8.

Fig. 9B is an end-view diagram showing an example of the modified device shown in Fig.8.

Fig. 10 is a typical block diagram showing the mobile object detection system in embodiment 7 of the present invention.

Fig. 11 is a typical block diagram showing the mobile object detection system in embodiment 8 of the present invention."